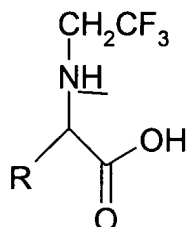


Amendments to the Claims

Please find below a complete listing of the claims including status identifiers.

1-19. Canceled.

20. (Currently Amended) A composition comprising an N-alpha trifluoroethyl amino acid compound having the generic formula:



wherein R is selected from the group consisting of alkyls, hydrogen, ~~aryls~~, ~~aromatic-compounds~~ groups, amines, ~~sulfur-containing-alkyls~~ thioalkyl groups, sulfur containing ~~aryls~~ aromatic groups, heterocyclic ~~compounds~~ groups, and combinations thereof.

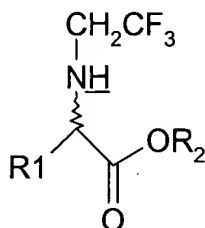
21. (Previously Presented) The composition of claim 20, in which R comprises an aromatic ring.

22. (Previously Presented) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl phenylalanine.

23. (Previously Presented) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl tyrosine.

24. (Previously Presented) The composition of claim 20, in which the N-alpha trifluoroethyl amino acid is N-alpha trifluoroethyl valine.

25. (Currently Amended) A composition comprising an N-alpha trifluoroethyl amino acid ester compound having the generic formula:



wherein R₁ and R₂ are independently selected from the group consisting of alkyls, hydrogen, ~~aryls~~, ~~aromatic-compounds~~ groups, amines, ~~sulfur-containing-alkyls~~

thioalkyl groups, sulfur containing ~~aryls~~ aromatic groups, heterocyclic ~~compounds~~ groups, and combinations thereof.

26. (Previously Presented) The composition of claim 25, in which R1 comprises an aromatic ring.

27. (Previously Presented) The composition of claim 25, in which R2 comprises an alkane.

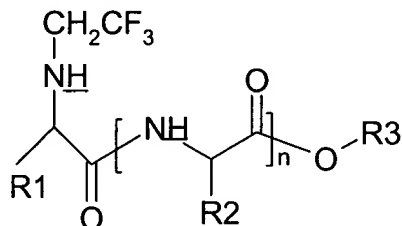
28. (Previously Presented) The composition of claim 27, in which the alkane comprises a carbon chain having less than about 6 carbons.

29. (Previously Presented) The composition of claim 27, in which R2 comprises a t-butyl group.

30. (Previously Presented) The composition of claim 25, in which R2 comprises a protein.

31. (Previously Presented) A peptide comprising a terminal N-alpha trifluoroethyl amino acid.

32. (Currently Amended) The peptide of claim 31, wherein the peptide comprises the general structure:



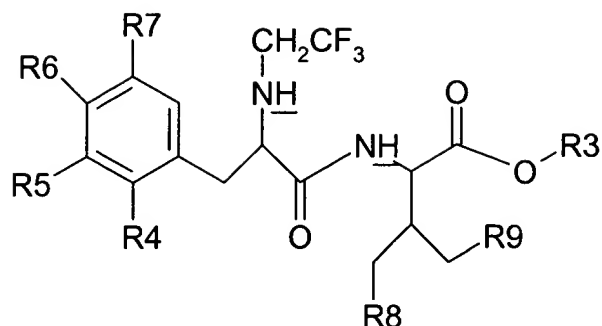
wherein R1, R2, and R3 are independently selected from the group consisting of alkyls, hydrogen, ~~aryls~~, aromatic compounds groups, amines, ~~sulfur containing alkyls~~ thioalkyl groups, sulfur containing ~~aryls~~ aromatic groups, heterocyclic ~~compounds~~ groups, and combinations thereof; and

n is greater than or equal to 1.

33. (Canceled)

34. (Previously Presented) The peptide of claim 32, wherein the peptide is a dipeptide.

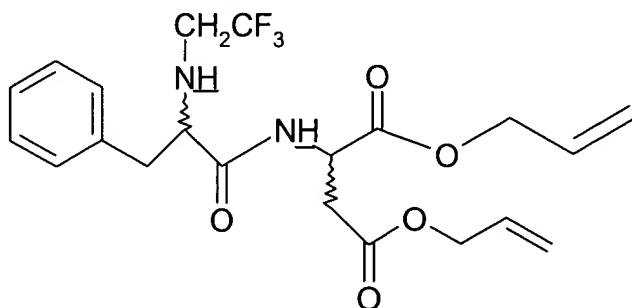
35. (Currently Amended) The peptide of claim 34, wherein the dipeptide has the general formula:



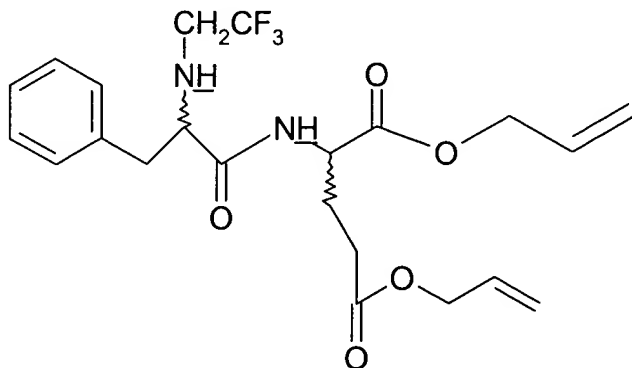
wherein R4, R5, R6, R7, R8, and R9 each are independently selected from the group consisting of alkyls, hydrogen, ~~aryls~~, ~~aromatic compounds~~ groups, amines, ~~sulfur-containing alkyls~~ thioalkyl groups, sulfur containing ~~aryls~~ aromatic groups, heterocyclic compounds, and combinations thereof.

36. (Previously Presented) The peptide of claim 34, wherein R1 comprises a phenyl group.

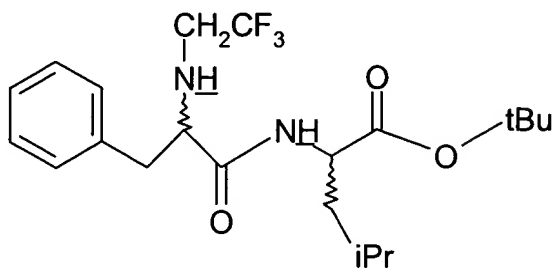
37. (Currently Amended) The peptide of claim 36, wherein the peptide has the structure represented by:



38. (Currently Amended) The peptide of claim 36, wherein the peptide has the structure represented by:

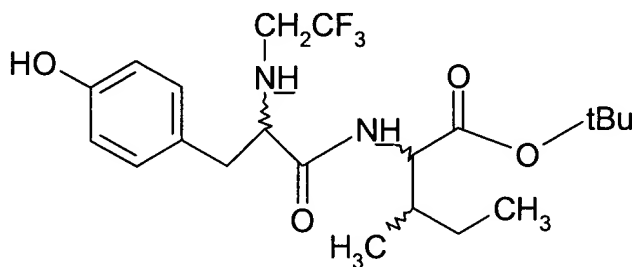


39. (Currently Amended) The peptide of claim 36, wherein the peptide has the structure represented by:

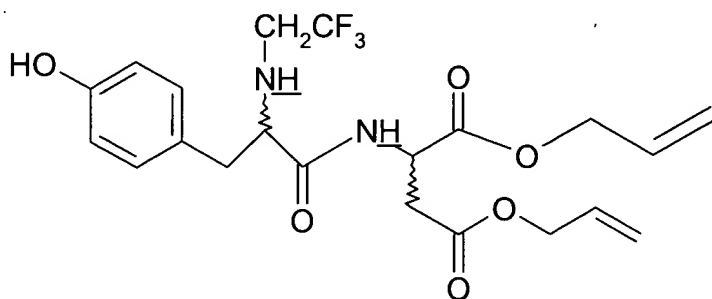


40. (Previously Presented) The peptide of claim 34, wherein R1 comprises a p-methylphenol group.

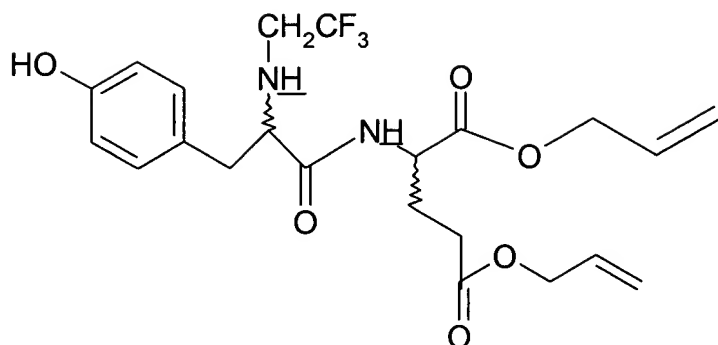
41. (Currently Amended) The peptide of claim 40, wherein the peptide has the structure represented by:



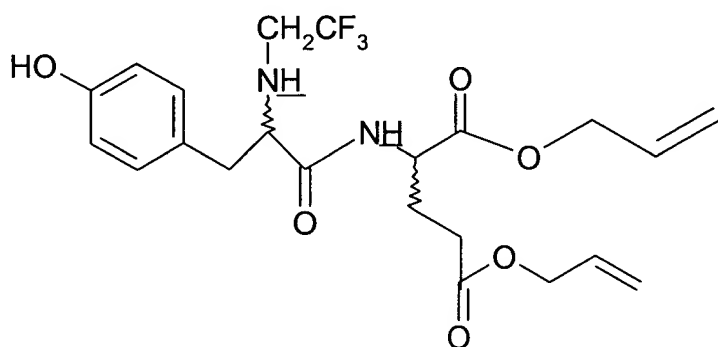
42. (Currently Amended) The peptide of claim 40, wherein the peptide has the structure represented by:



43. (Currently Amended) The peptide of claim 40, wherein the peptide has the structure represented by:

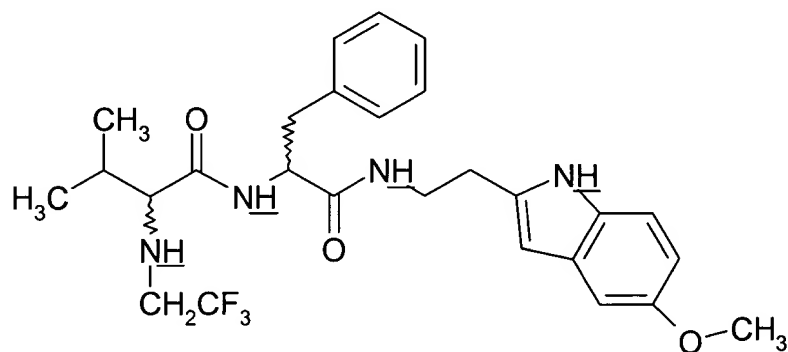


44. (Currently Amended) The peptide of claim 34, wherein the peptide has the structure represented by:



45. (Previously Presented) The peptide of claim 32 wherein R3 is a protein.

46. (Currently Amended) The peptide of claim 31, wherein the peptide comprises the structure of:



47. (Currently Amended) The peptide of claim 31, wherein the peptide comprises the structure of:

